

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

METHOD AND APPARATUS FOR  
MULTILAYER THICKNESS MEASUREMENT  
Douglas Sabin, et al.  
Docket No.: K2001-700210

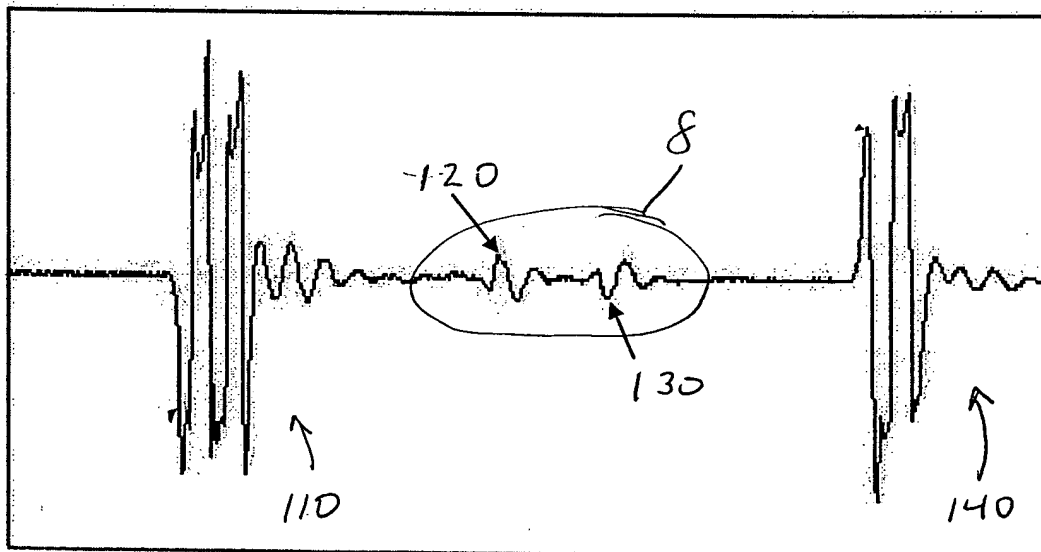


FIG. 1

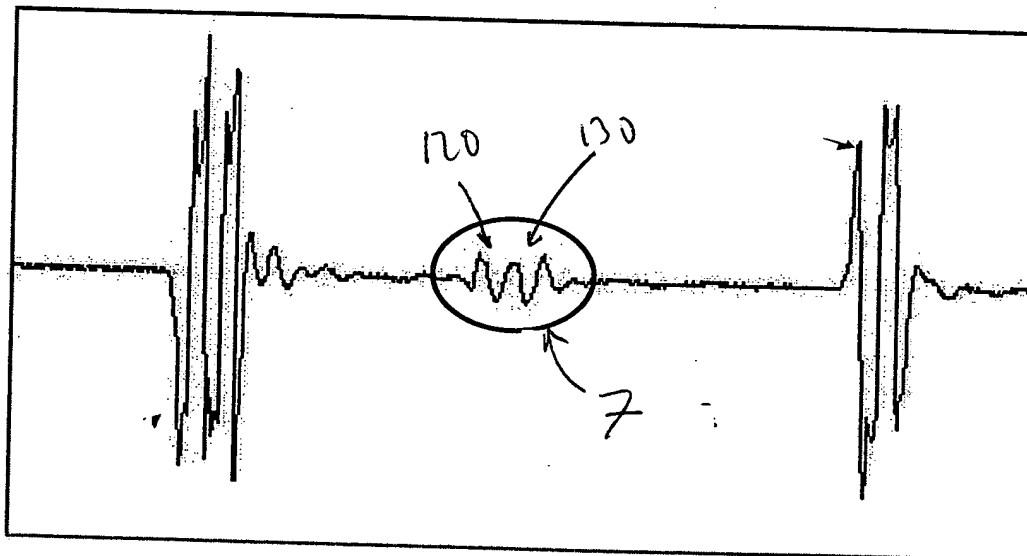


FIG. 2

300

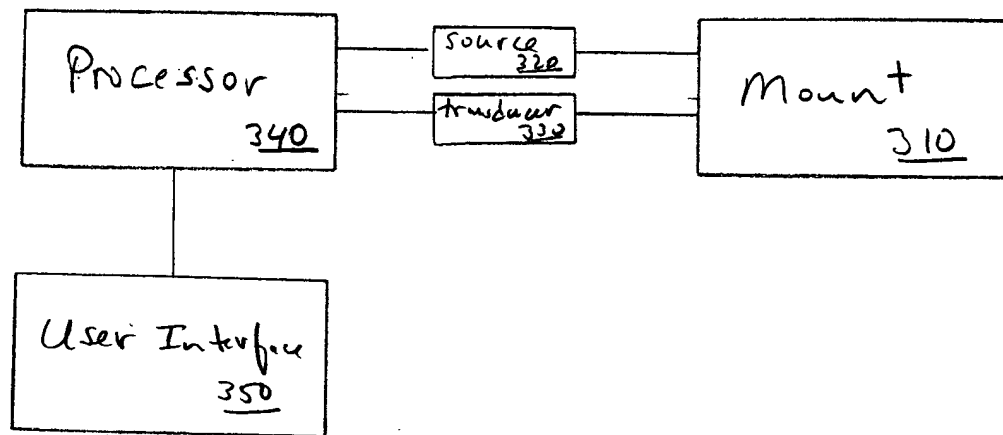


FIG. 3

400

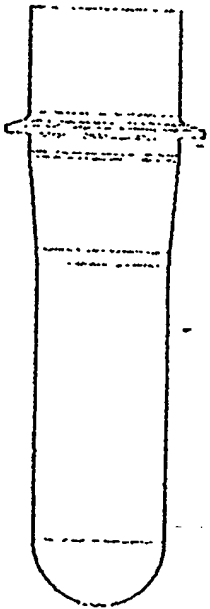


FIG. 4A

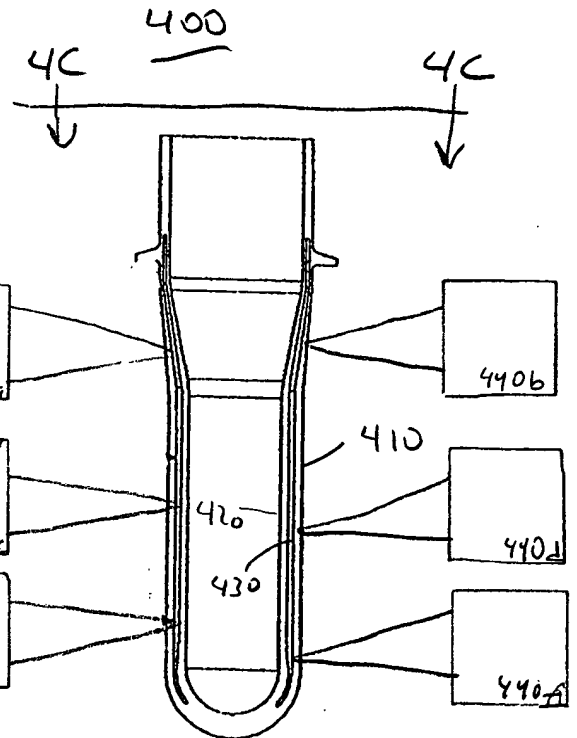


FIG. 4B

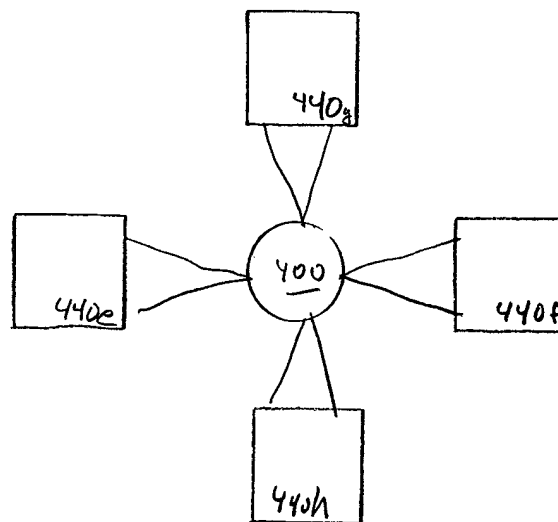


FIG. 4c

METHOD AND APPARATUS FOR  
MULTILAYER THICKNESS MEASUREMENT  
Douglas Sabin, et al.  
Docket No.: K2001-700210

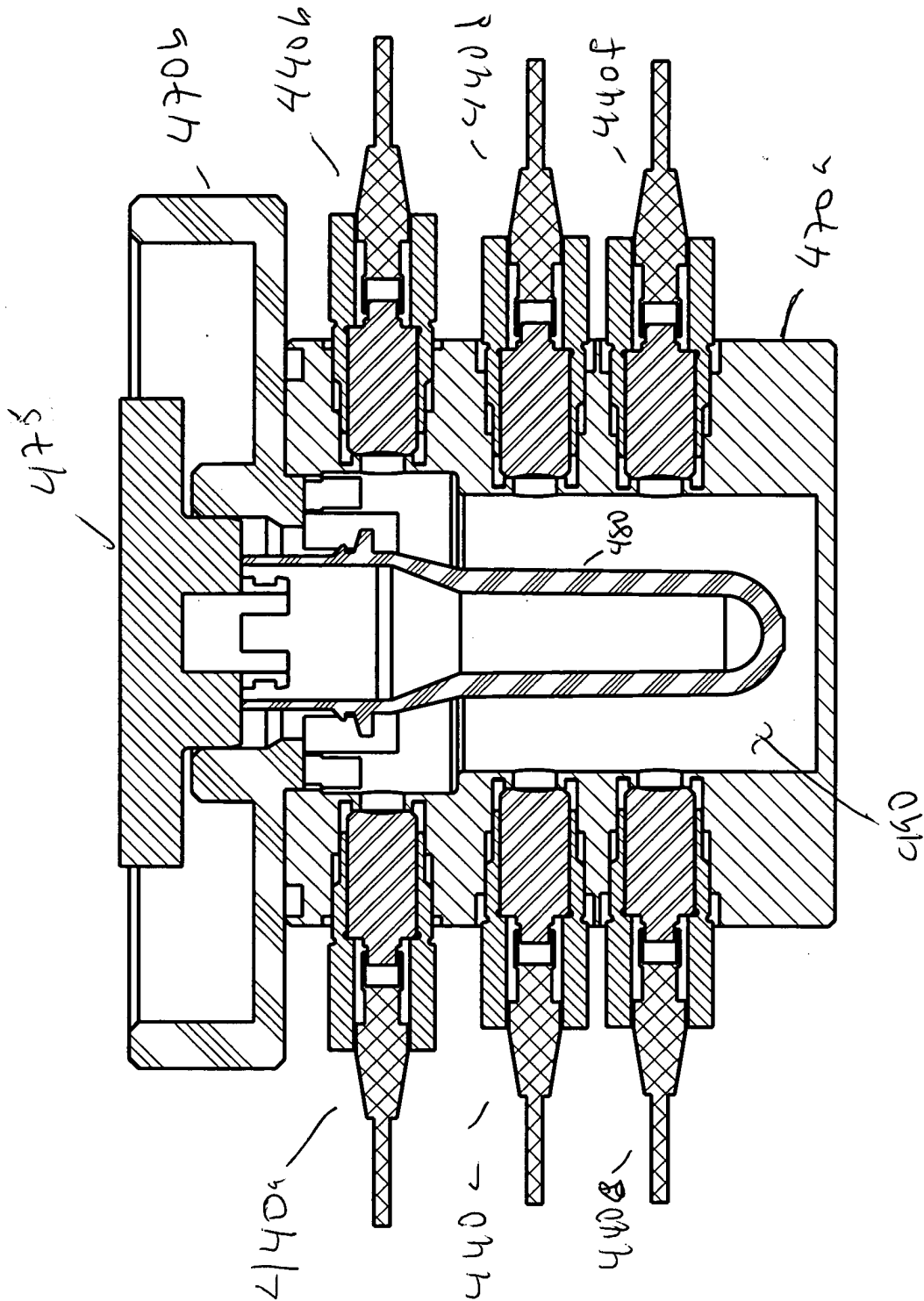


FIG. 4D

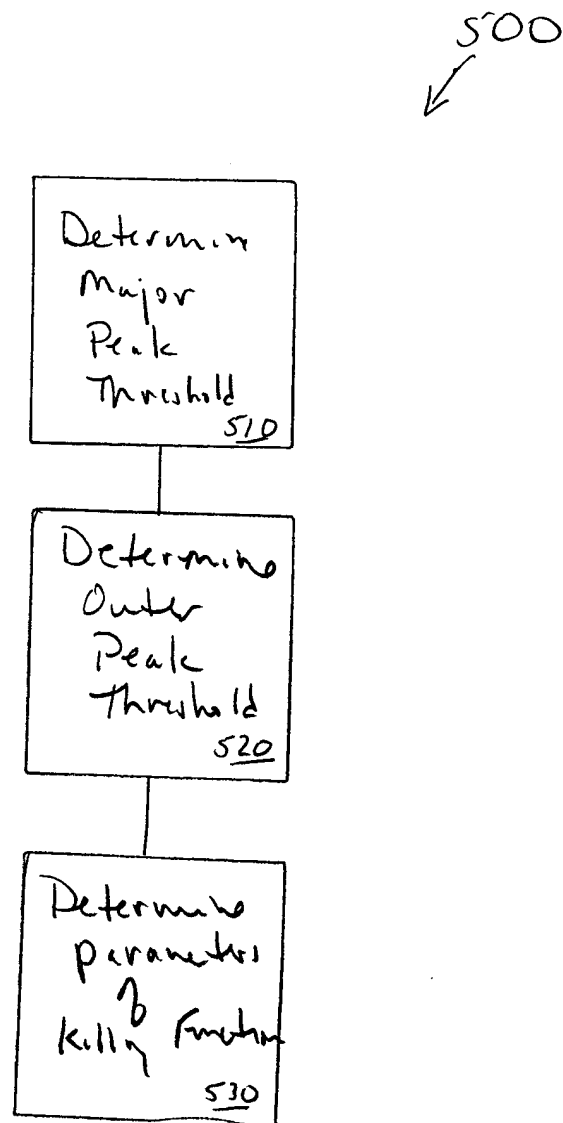


FIG. 5



600

Determine  
Location  
of outer  
wall of  
core 610

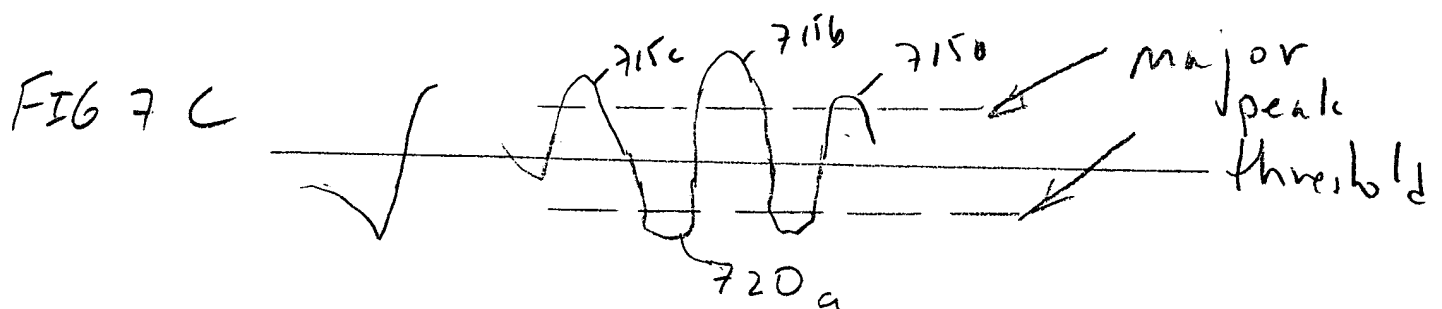
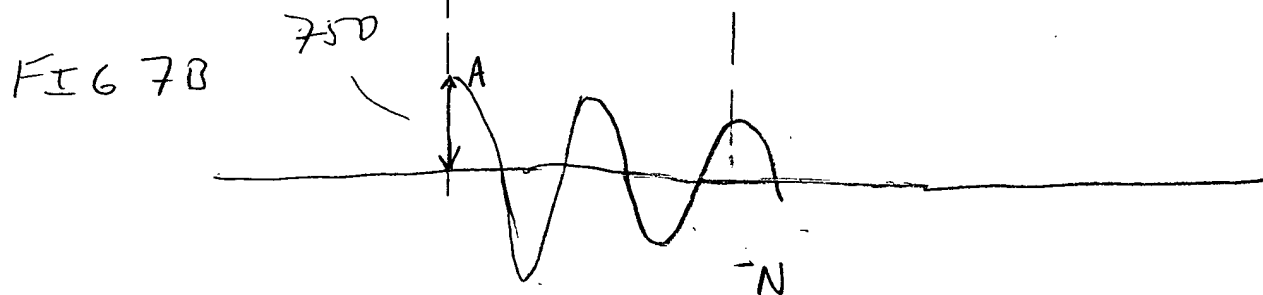
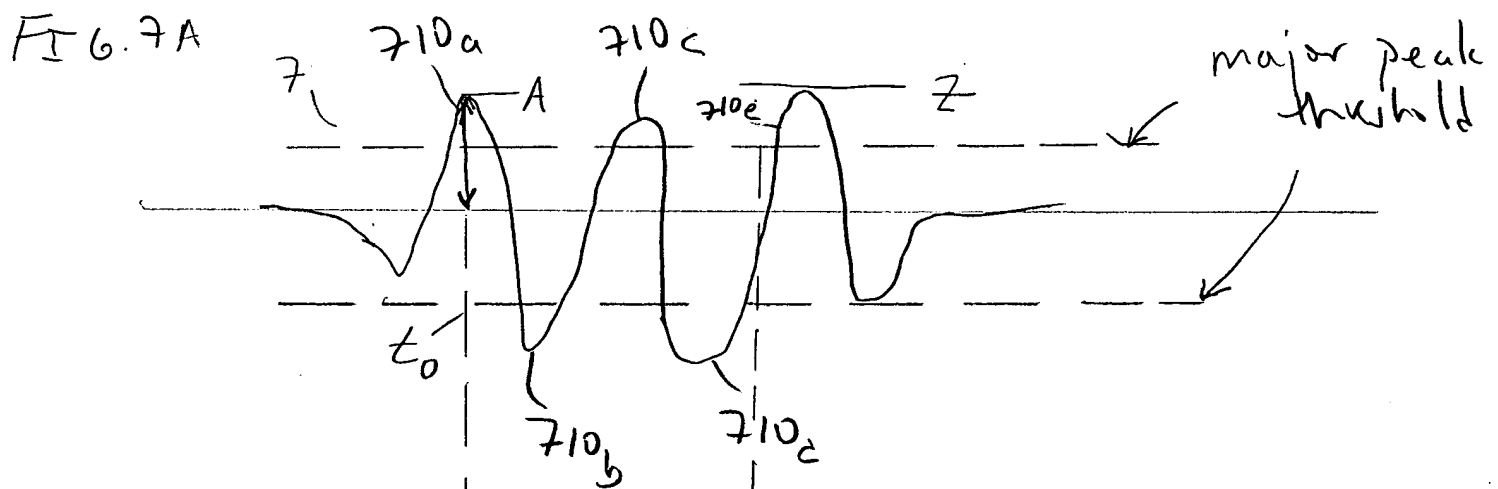
Apply  
Killing  
Function  
620

Determine  
the location  
of the inner  
surface of  
the core 630

Determine  
the thickness  
of the  
core 640

FIG. 6

FIG. 7A



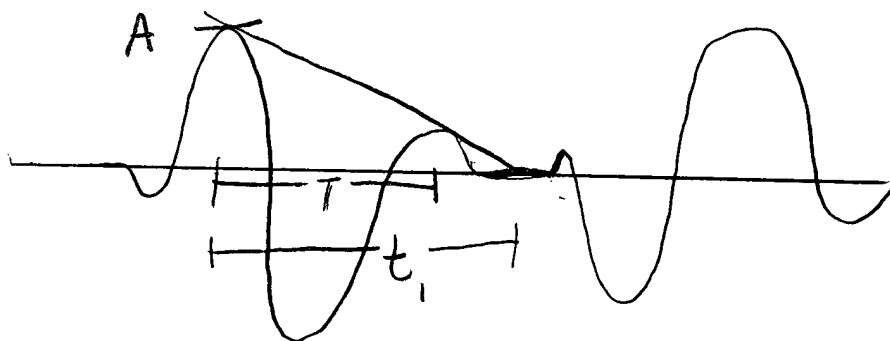


FIG. 8

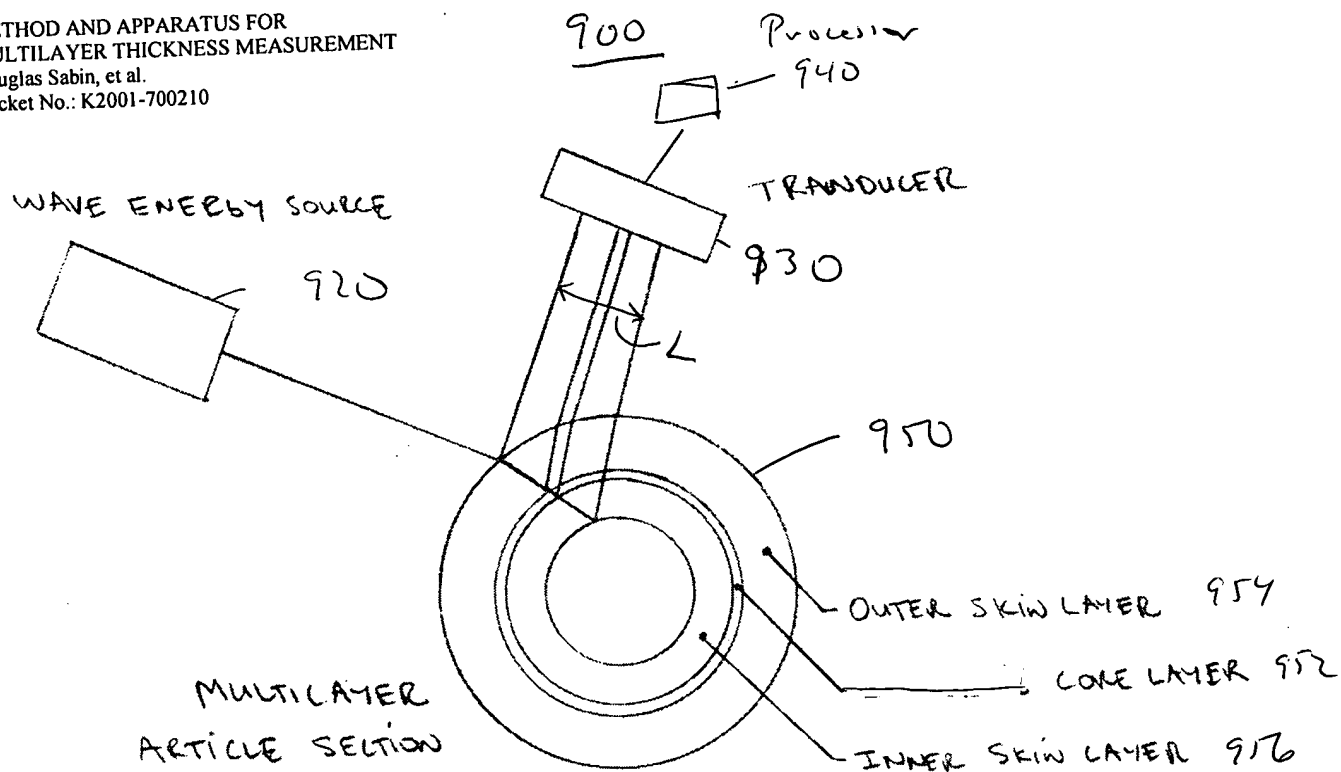


FIG. 9

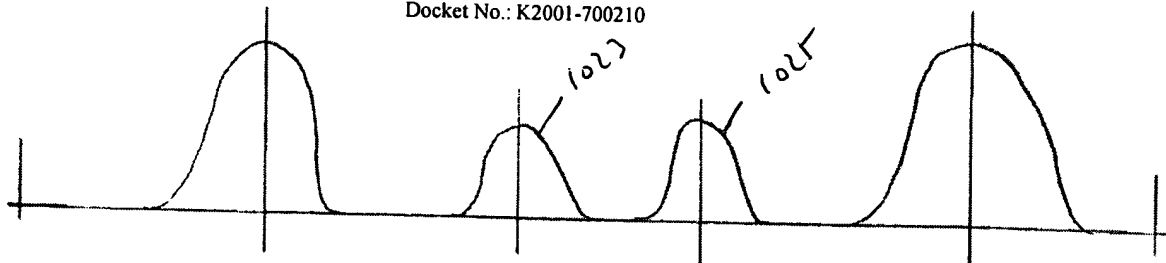


FIG. 10C

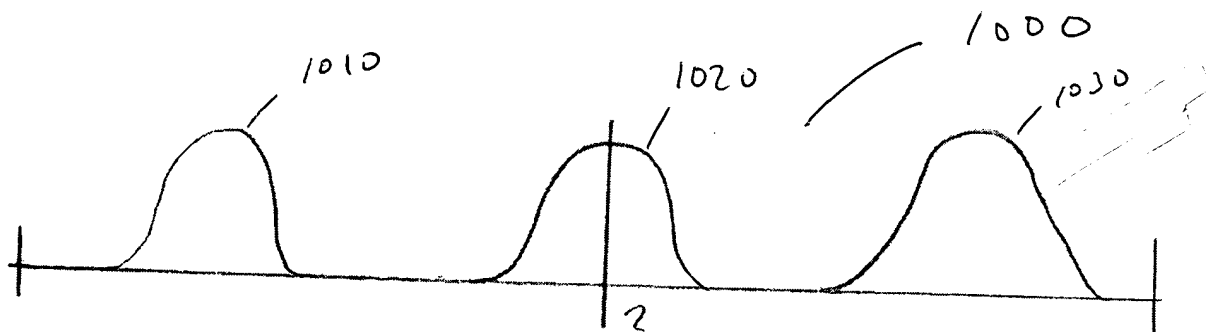


FIG. 10A

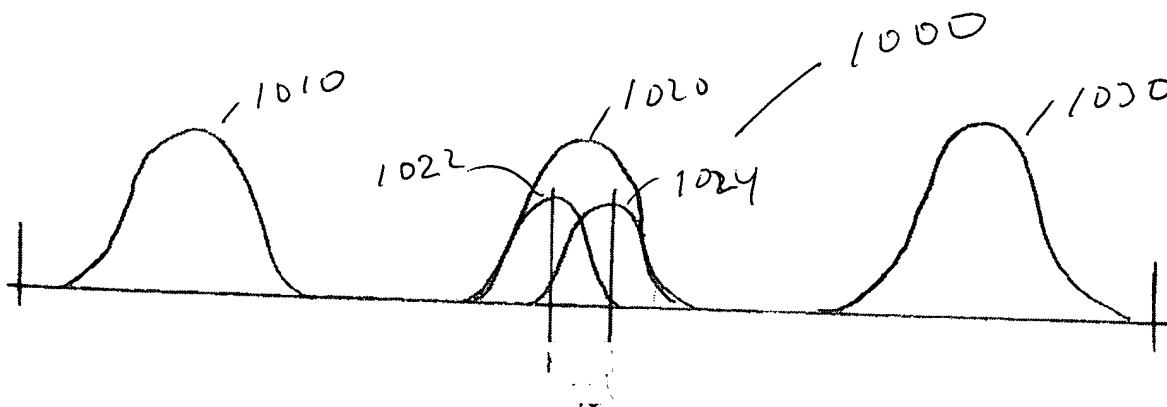


FIG. 10B

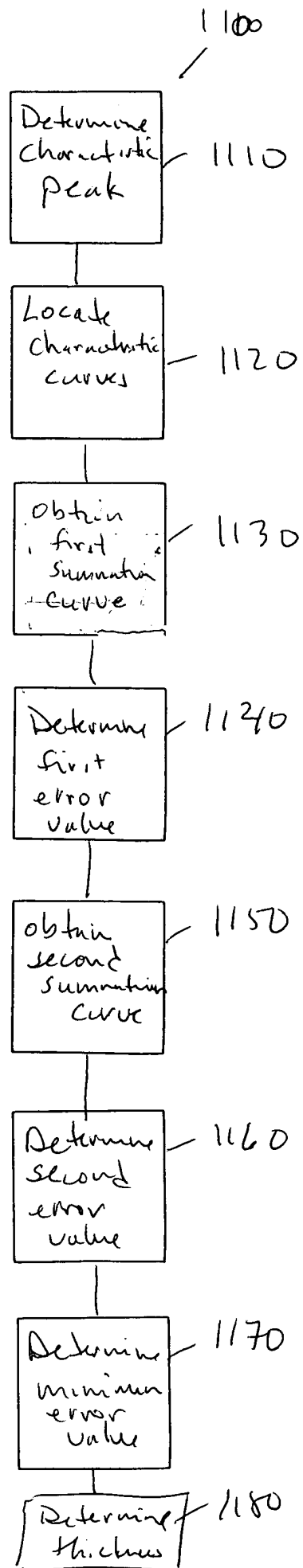


FIG. 11



FIG. 12A

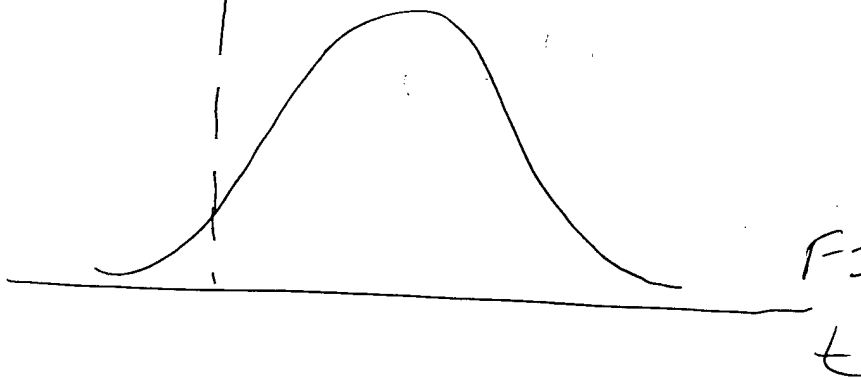


FIG. 12B